

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
	)	
Franz-Josef RUBRÖDER et al.	)	
	)	
Rule 53(b) Continuation Application of:	)	<u>PRIOR APPLICATION:</u>
Application No. 09/991,964	)	
Filed November 26, 2001	)	Group Art Unit: 1646
	)	
Application No.: To be assigned	)	Examiner: Olga N. Chernyshev, Ph.D.
	)	
Filed: Concurrently Herewith	)	
	)	
For: PROCESS FOR THE STABILIZATION	)	
OF PROTEINS IN COMPLEX	)	
MIXTURES DURING THEIR	)	
STORAGE IN AQUEOUS SOLVENTS	)	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Office the documents listed on the attached PTO Form 1449. This Information Disclosure Statement is being filed within three months of the filing date of the above-referenced application.

Copies of the documents listed on the attached PTO Form 1449 are enclosed. Documents numbered 1-11 and 14-17 on the attached 1449 form were previously submitted in or cited by the Office during the prosecution of grandparent Application No. 09/608,297, filed June 30, 2000. Documents 12, 13, 18, and 19 were cited by the Office

during prosecution of parent Application No. 09/991,964. The relevancy of European Patent Application No. EP 0 906 918 A2, in German, may be found in United States Patent No. 5,986,048, which is in the same family. Applicants respectfully request that the Office consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Office applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

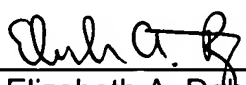
Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: March 10, 2004

By:   
Elizabeth A. Doherty  
Reg. No. 50,894

## INFORMATION DISCLOSURE CITATION

Atty. Docket No.	02418.1671-02	Appln. No.	To be assigned
Applicant	Franz-Josef RUBRÖDER et al.		
Filing Date	Concurrently Herewith	Group:	To be assigned

## U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	1	5,756,672	May 26, 1998	Builder et al.	530	350	
	2	4,371,523	February 1, 1983	Grodsky et al.	424	178	
	3	5,986,048	November 16, 1999	Rubröder et al.	530	303	
	4	5,227,293	July 13, 1993	Stengelin et al.	435	69.7	
	5	4,937,085	June 26, 1990	Cherry et al.	426	269	

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation Yes or No
	6	EP 0 437 622 A1	July 24, 1991	Europe	A 61 K	37/24	
	7	EP 0 335 554 A2	October 4, 1989	Europe	A 61 K	7/06	
	8	EP 0 906 918 A2	April 7, 1999	Europe	C 07 K	14/62	
	9	EP 0 489 780	June 17, 1998	Europe	C 12 N	15/00	
	10	EP 0 195 691 A1	September 24, 1986	Europe	C 12 N	15/00	
	11	WO 93/11240	June 10, 1993	PCT	C 12 N	15/16	
	12	WO 96/27661	September 12, 1996	PCT	C 12 N	9/96	
	13	EP 0 158 487 B1	August 28, 1991	Europe	A 61 K	37/02	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

14	W.D. Lougheed et al., "Insulin Aggregation in Artificial Delivery Systems," <i>Diabetologia</i> , 19:1-9 (1980).
15	H. Qi et al., "Stability and Stabilization of Insulinotropin in a Dextran Formulation," Abstract No. 96148261, <i>PDA Journal of Pharmaceutical Science and Technology</i> , 49(6):289-93 (1995).
16	P. Golini, et al. "Immobilization of D-Amino Acid Oxidase from Different Yeasts: Characterization and Application in the Deamination of Cephalosporin C" <i>Enzyme and Microbial Technology</i> 17:324-329 (1995).

Examiner	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
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U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS							
		Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
17	W. Kordel, et al., "Chemical Investigations on Pig Kidney Aminoacylase," <i>Biochimica et Biophysica Acta</i> , 445:446-457 (1976).
18	I.M. Santha and K.M. Narayanan, "Studies on the Constituents Responsible for the Antioxidant Property of Ghee-Residue," <i>Indian J. Anim. Sci.</i> 49(1): 37-41 (1979).
19	M.M. Ahmad et al., "The Antioxidant Activity of Amino Acids in Two Vegetable Oils," <i>J Am. Oil Chemists Soc.</i> 60(4) 837-840 (1983).

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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
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